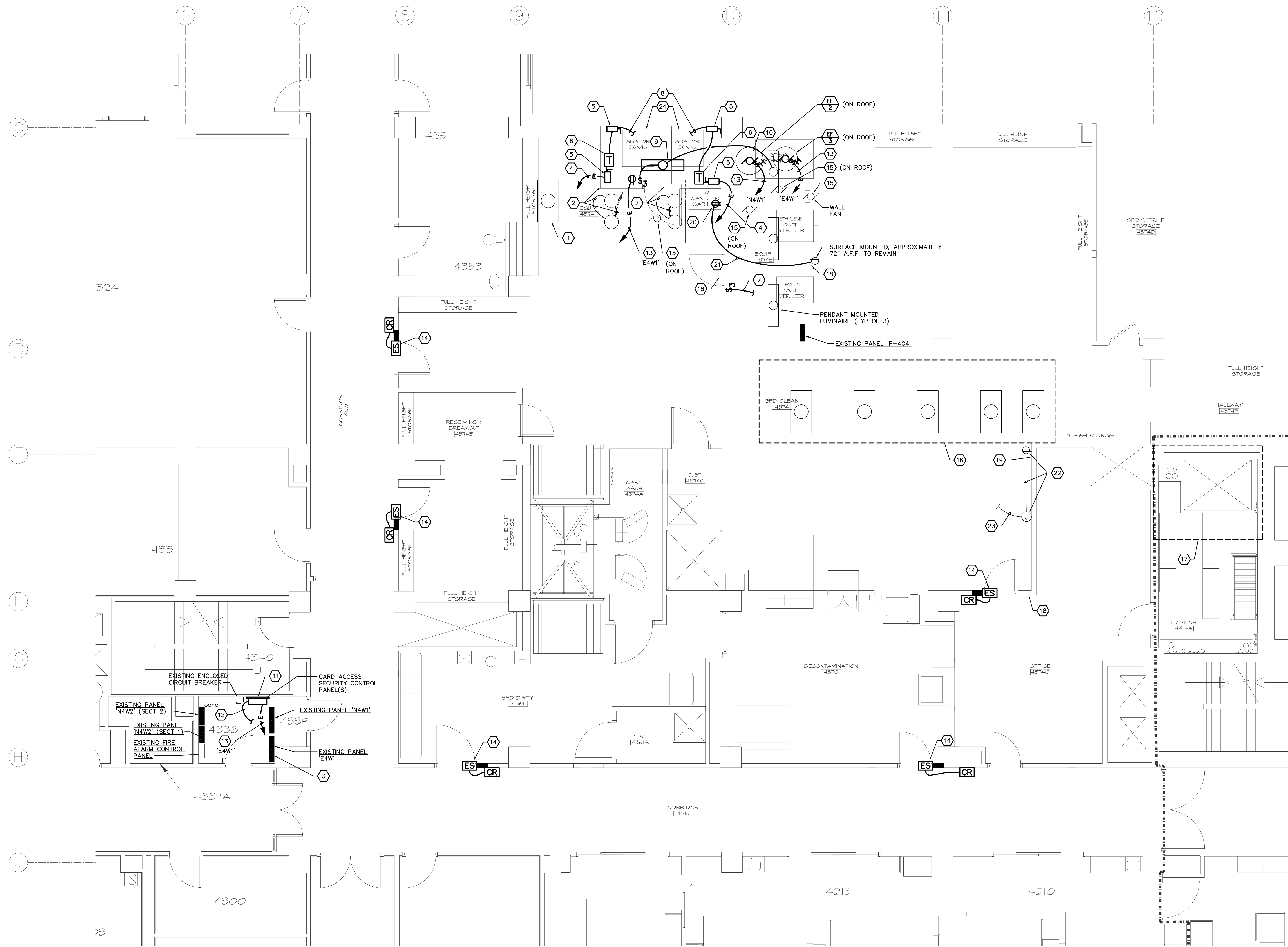


SEE 'GENERAL ELECTRICAL DEMOLITION NOTES' AND 'GENERAL ELECTRICAL NOTES' ON SHEET EG1.1 FOR ADDITIONAL ELECTRICAL REQUIREMENTS.

ELECTRICAL KEYNOTES: (○)

- 1 EXISTING RECESSED, CEILING MOUNTED LUMINAIRE TO REMAIN.
- 2 EXISTING RECESSED, CEILING MOUNTED LUMINAIRE TO BE RELOCATED AS INDICATED. EXTEND EXISTING SWITCHED LIGHTING CIRCUIT AS NECESSARY AND CONNECT LUMINAIRE AT NEW LOCATION.
- 3 PROVIDE TWO, 40 AMP, 2 POLE CIRCUIT BREAKERS COMPATIBLE WITH EXISTING PANEL (GE) AND INSTALL IN AVAILABLE PANEL SPACES.
- 4 2-#8, 1-#10 GROUND IN 3/4" CONDUIT TO EXISTING PANEL 'E4W1'. PROVIDE CONNECTION TO ONE OF TWO 40 AMP, 2 POLE CIRCUIT BREAKERS INSTALLED BY KEYNOTE 3.
- 5 60 AMP, 2 POLE, NON-FUSED SAFETY SWITCH IN NEMA 1 ENCLOSURE.
- 6 PROVIDE 'BUCK-BOOST' TRANSFORMER OF SIZE REQUIRED TO 'BOOST' VOLTAGE FROM NOMINAL 208 VOLT, SINGLE PHASE TO NOMINAL 220-230 VOLT, SINGLE PHASE. COORDINATE VA LOAD REQUIREMENTS FOR TRANSFORMER SIZING WITH EQUIPMENT (EO ABATOR) MANUFACTURER.
- 7 PROVIDE ADDITIONAL CONDUCTOR IN EXISTING SWITCHED LIGHTING CIRCUIT AS NECESSARY TO OPERATE EXISTING AND NEW EQUIPMENT ROOM LUMINAIRES FROM THREE-WAY SWITCHES.
- 8 PROVIDE CONNECTION TO EO ABATOR USING 2-#10, 1-#8 GROUND IN 3/4" LIQUIDTIGHT FLEXIBLE METAL CONDUIT.
- 9 PROVIDE NEW PENDANT MOUNTED LUMINAIRE AS MANUFACTURED BY WILLIAMS, CATALOG NO. 80-4-232 (OR EQUAL AS MANUFACTURED BY COLUMBIA, DAY-BRITE, LITHONIA, LIGHTOLIER OR METALUX) WITH 2-F32/835 T8 LAMPS AND WHITE FINISH. PENDANT MOUNT LUMINAIRE AS HIGH AS POSSIBLE BELOW EO ABATOR EXHAUST DUCTWORK.
- 10 PROVIDE CONNECTION TO EXISTING SWITCHED LIGHTING CIRCUIT IN THIS SPACE. SEE KEYNOTE 18.
- 11 PROVIDE 26" WIDE X 72" HIGH X 3/4" THICK PLYWOOD BACKBOARD PAINTED WITH TWO (2) COATS GRAY FIRE RESISTANT PAINT. SECURELY MOUNT TO WALL FOR CARD ACCESS SECURITY CONTROL PANEL(S).
- 12 PROVIDE DATA/COMMUNICATIONS CABLES PER CARD ACCESS SECURITY CONTROL PANEL MANUFACTURERS RECOMMENDATIONS AND CONNECT TO BUILDING MAIN SECURITY SYSTEM CONTROLLER. FIELD VERIFY EXACT LOCATION OF MAIN SECURITY SYSTEM CONTROLLER WITH VA SECURITY SYSTEM EQUIPMENT PROVIDER.
- 13 PROVIDE CONNECTION TO SPARE 20 AMP, SINGLE POLE CIRCUIT BREAKER IN PANEL INDICATED.
- 14 PROVIDE 1/2" CONDUIT FROM LATCH/STRIKE LOCATION AT DOOR JAMB TO ACCESSIBLE LOCATION ABOVE CEILING FOR SECURITY SYSTEM WIRING.
- 15 REMOVE CONNECTION TO EXISTING EXHAUST FAN AT LOCATION AS INDICATED. REMOVE EXISTING CIRCUITING COMPLETELY FROM FAN LOCATION TO LOCATION OF CIRCUIT ORIGIN. FIELD VERIFY CIRCUIT ORIGIN. PANEL.
- 16 NEW DUCTWORK IS BEING INSTALLED ABOVE THE EXISTING CEILING AND CEILING MOUNTED LUMINAIRES AT THIS APPROXIMATE LOCATION. COORDINATE THE REQUIREMENT FOR MAKING ADJUSTMENTS TO EXISTING LUMINAIRES AND/OR LUMINAIRE CIRCUITING TO ALLOW FOR THE INSTALLATION OF NEW DUCTWORK WITH MECHANICAL CONTRACTOR.
- 17 EXISTING DUCTWORK IS BEING REMOVED, REPLACED AND/OR REROUTED IN THIS PORTION OF EXISTING IT/MECH ROOM. COORDINATE PROTECTION REQUIREMENTS FOR EXISTING IT DATA RACKS, EQUIPMENT AND CABLING IN THIS SPACE WITH VA IT PERSONNEL AND PROVIDE NECESSARY EQUIPMENT AND PRODUCTS FOR IT SYSTEM PROTECTION.
- 18 COORDINATE REMOVAL, RELOCATION, RECONNECTION AND/OR EXTENSION OF EXISTING ETHYLENE OXIDE CONCENTRATION MONITORING SYSTEM CONNECTIONS WITH MECHANICAL CONTRACTOR.
- 19 ETHYLENE OXIDE CONCENTRATION MONITORING SYSTEM 'DETECTOR' INSTALLED AT THIS LOCATION IS TO BE RELOCATED (CORD AND PLUG CONNECTION - SEE KEYNOTE 20). PROVIDE NEW CONDUCTORS TO MATCH EXISTING SYSTEM MONITORING CONDUCTORS, AND EXTEND MONITOR AND ANNUNCIATION SYSTEM CABLING TO RESPECTIVE ASSOCIATED ANNUNCIATION DEVICE.
- 20 SURFACE MOUNT HIGH ON WALL (MOUNTING HEIGHT TO MATCH AT PREVIOUS LOCATION - KEYNOTE 22) FOR RELOCATED ETHYLENE OXIDE CONCENTRATION MONITORING SYSTEM 'DETECTOR'. PROVIDE NEW CONDUCTORS AND CONNECT TO RESPECTIVE ASSOCIATED ANNUNCIATION DEVICE (SEE KEYNOTE 19).
- 21 PROVIDE CONNECTION TO EXISTING RECEPTACLE CIRCUIT.
- 22 REMOVE EXISTING SURFACE MOUNTED DEVICES AND CIRCUITING INDICATED, HIGH ON WALL, AFTER RELOCATION OF ETHYLENE OXIDE 'DETECTOR' (SEE KEYNOTE 19).
- 23 REMOVE EXISTING CIRCUITING COMPLETELY FROM JUNCTION BOX LOCATION AND ABOVE CEILING TO LOCATION OF CIRCUIT ORIGIN. FIELD VERIFY CIRCUIT ORIGIN. PANEL.
- 24 PROVIDE CONTROL AND SIGNAL WIRING BETWEEN EACH ABATOR AND RESPECTIVE STERILIZER. COORDINATE WITH ABATOR MANUFACTURER FOR WIRING REQUIREMENTS.



PARTIAL 4TH FLOOR ELECTRICAL PLAN
SCALE: 1/4" = 1'-0"



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